

EPA Region 10 - Site Safety Plan
Jorgensen Forge Early Action Area- Removal Action Oversight

1.0 GENERAL INFORMATION

1.1 Project logistics and responsibilities include:

Site/Location: 8531 East Marginal Way South, Tukwila, WA
47.526301, -122.305880

Field work dates: June 2014-September 2014

Plan prepared by: Rebecca Chu
phone: (206) 553-1774



Grady Maxwell
Region 10 Health and Safety Officer

Plan approved by:
phone: (206) 399-9394

Site Safety Officer: David Templeton, Corporate Health and Safety Manager
(206) 287-9130 Office
(b) (6) Cell

Field Team Member(s):

Rebecca Chu, R10 ECL
Karen Keeley, R10 ECL
Erika Hoffmann, WOO

Health and Safety Plan Basis of Design Report
Removal Action Work Plan
Anchor QEA, LLC

1.2 Site Activities:

- Site Oversight
- Construction Oversight

2.0 EMERGENCY CONTACTS

In case of any emergency:

- 1) Call 911 and/or other appropriate emergency numbers to report the emergency:
 - a. Seattle Harbor Patrol (206) 684-4071
 - b. USCG Puget Sound Sector (206) 217-6001
 - c. South Park Marina (206) 762-3880
 - d. City of Tukwila Emergency Management (206) 971-8740
- 2) Experienced and CPR/AED certified responder will apply necessary first-aid, if applicable.
- 3) Follow any instructions given by the appropriate facility.
- 4) When the situation is under control, notify the appropriate EPA Supervisor.
- 5) Notify the EPA Health and Safety Staff.

-EPA Health and Safety Staff:

Grady Maxwell	206-553-0241
Carol Haines	360-871-8706

-Occupational Health Physicians:

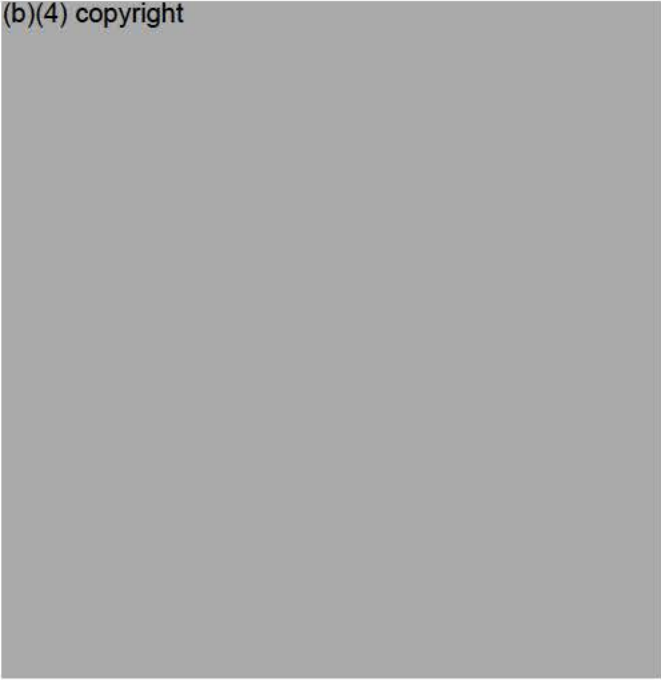
Dr. Steve Scott	206-615-2546
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-Nearest Hospital or Medical Facility

Valley Medical Center


Address: 400 South 43rd Street
Renton, WA 98055
Phone: (425) 228-3450

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Route:

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3.0 SITE HAZARDS

In the following sections, identify the hazards expected on the site that are associated with specific tasks, exposures limits (if established), exposure route(s), and prevention or protection technique(s) to reduce risk.

✓ See Site Safety Plan for greater detail (attached)

3.1 Chemical Hazards

During the Jorgensen Forge Early Action Area removal action, individual's performing oversight could be exposed to the following contaminants of concern:

Chemical	Exposure Route	Prevention
• PCBs	inhalation, absorption, ingestion, contact	For all chemicals: follow procedures found in Sections 7 & 8 of attached HASP
• PAHs	inhalation, contact	
• Metals	inhalation, absorption, ingestion, contact	
(Cadmium, Chromium VI, Copper, Lead, Mercury, Silver, Zinc)		

3.2 Physical Hazards

During the Jorgensen Forge Early Action Area removal, individual's performing oversight could be exposed to the following physical hazards at the site:

Hazard Description	Prevention
Slip/Trip/Fall	For all physical hazards: follow procedures found in attached HASP
General Falls/Ladders	
Heavy Equipment Operations	
Motor Vehicle Operation	
Vehicular Traffic	
Boating Operations	

4.0 PERSONAL PROTECTION EQUIPMENT

See Site Safety Plan (attached) for greater detail on all requirements for PPE associated with oversight activities during the removal action. A general summary of PPE follows:

<u>Equipment</u>	<u>Tasks requiring PPE</u>
X <input type="checkbox"/> Leather steel toe safety boots	All
<input type="checkbox"/> Chemical resistant steel toe safety boots	
X <input type="checkbox"/> Hard hat	All
X <input type="checkbox"/> Safety glasses	All
X <input type="checkbox"/> Reflective Vest	All
<input type="checkbox"/> Gloves (specify type)	If needed
<input type="checkbox"/> Tyvek/Saranex	If needed
X <input type="checkbox"/> <u>Personal Floatation Device</u> (29 CFR 1926.106)	Oversight occurring on or over water
<input type="checkbox"/> Full-face air-purifying respirator with _____ (type) spare cartridges	
<input type="checkbox"/> Other: _____	

The following safety equipment will also be available on site (check those that apply):

- X ☐ First Aid Kit including AED
- X ☐ Portable eyewash
- X ☐ Fire extinguisher
- X ☐ Air horn
- ☐ Portable phone / radio phone:
- ☐ Other (specify):

5.0 TRAINING

☒ All on-site personnel have satisfied all EPA (24-hr Field Health and Safety or equivalent) and OSHA training requirements (40-hr HAZWOPER with current 8-hr refresher).

Additionally, all personnel will (check and perform those that apply):

- ☒ Review the site safety plan prior to beginning fieldwork
- ☒ Attend site-specific safety training prior to beginning field activities
- ☒ Attend all other site safety meetings

6.0 MEDICAL SURVEILLANCE PROGRAM

EPA personnel whose work involves the following shall participate in the Medical Surveillance Program:

- (1) Emergency response activities, or
- (2) Activities or known exposure that is currently regulated by OSHA and the applicable regulation mandates medical surveillance, or
- (3) Activities that presents a routine or periodic recurring exposure (several weeks per year) to hazardous chemical, radiological, biological or physical agents at or above the medical surveillance action level (1/2 of the most conservative PEL or equivalent standard), or
- (4) Activities that require the use of respiratory protection due to exposures at or above the medical surveillance action level or reasonably significant occupational exposures that may have adverse health effects, or
- (5) Activities that continuously involve physically demanding rigorous work, such as routine heavy lifting and carrying.

Field Team Member Signatures

Date

7.0 MONITORING PROGRAMS

Air monitoring or radiation dosimetry if identified in section 3.1 will be performed during on-site activities to ensure that personnel have adequate information for proper protection.

☒ See Site Safety Plan

8.0 SITE CONTROL MEASURES

8.1 Work Zones

☒ See Site Safety Plan

8.2 Site Map

☒ See Site Safety Plan

8.3 Communications and Site Alarm System

☒ See Site Safety Plan

9.0 DECONTAMINATION

All disposable protective gear will be the responsibility of the project manager. It shall be bagged and removed from the site for proper disposal, and any contaminated wash and rinse solutions will be collected and properly disposed.

☒ See Site Safety Plan for specific procedures or check those that apply.